

## ABSTRACT OF THE DISCLOSURE

Techniques are provided for defining and coordinating execution of a compound service, which uses results from a plurality of base services, over a network. A sequence in which a plurality of modules must be executed to perform the compound service is specified  
5 in dependency information, and the modules in the sequence are executed according to the dependency information and under the management of a service execution adapter. Each module operates upon messages according to module properties, and is able to communicate using event messages.

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